## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Original) A humanized antibody binding to CD47.
- 2. (Original) The humanized antibody of claim 1 wherein CD47 is human CD47.
- 3. (Currently amended) The humanized antibody of claim 1 or 2 wherein the CDRs of the humanized antibody are derived from a mouse antibody.
- 4. (Currently amended) The humanized antibody of any one of claims 1 to 3 claim 1 comprising any one of the sequence sets below:
- (1) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 7;
- (2) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 10;
- (3) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 13;
- (4) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 16;
- (5) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 19
- (6) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 22;
- (7) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 30;
- (8) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 37;

- (9) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 40;
- (10)the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 43;
- (11) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 46;
- (12) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 49;
- (13) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 52;
- (14) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 57;
- (15) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 64; and
- (16) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 67.
- 5. (Currently amended) The humanized antibody of any one of claims 1 to 3 claim 1 comprising any one of the sequence sets below:
- (1) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 7;
- (2) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 10;
- (3) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 13;
- (4) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 16;

- (5) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 19;
- (6) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 22;
- (7) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 30;
- (8) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 37;
- (9) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4)of SEQ ID NO: 40;
- (10) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 43;
- (11) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 46;
- (12) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 49;
- (13) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 52;
- (14) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 57;
- (15) the sequence of aa 1-30 (FR1), the sequence of aa 36-49 (FR2), the sequence of aa 67-98 (FR3), and the sequence of aa 107-117 (FR4) of SEQ ID NO: 64; and
- (16) the sequence of aa 1-23 (FR1), the sequence of aa 40-54 (FR2), the sequence of aa 62-93 (FR3), and the sequence of aa 103-112 (FR4) of SEQ ID NO: 67.
- 6. (Currently amended) The humanized antibody of any one of claims 1 to 5 claim 1, which is a small antibody fragment.
  - 7. (Original) The humanized antibody of claim 6, which is a diabody.

- 8. (Original) The humanized antibody of claim 7, which is a single-chain diabody.
- 9. (Currently amended) The humanized antibody of claim 7 or 8, characterized in that a disulfide bond exists between diabody-forming fragments.
  - 10. (Original) The humanized antibody of claim 9 characterized by:
  - (1) an antibody having the amino acid sequence of SEQ ID NO: 90; or
- (2) an antibody having an amino acid sequence containing a deletion, addition or substitution of one or several amino acid(s) in the amino acid sequence of (1) and having CD47-binding activity.
  - 11. (Original) The humanized antibody of claim 9 characterized by:
  - (1) an antibody having the amino acid sequence of SEQ ID NO: 92; or
- (2) an antibody having an amino acid sequence containing a deletion, addition or substitution of one or several amino acid(s) in the amino acid sequence of (1) and having CD47-binding activity.
- 12. (Original) A diabody antibody binding to human CD47, characterized in that a disulfide bond exists between diabody-forming fragments.
- 13. (Original) The diabody antibody of claim 12 comprising any one of the sequence sets below:
- (1) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 7;
- (2) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 10;
- (3) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 13;
- (4) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 16;
- (5) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 19

- (6) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 22;
- (7) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 30;
- (8) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 37;
- (9) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 40;
- (10)the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 43;
- (11) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 46;
- (12) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 49;
- (13) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 52;
- (14) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 57;
- (15) the sequence of aa 31-35 (CDR1), the sequence of aa 50-66 (CDR2), and the sequence of aa 99-106 (CDR3) of SEQ ID NO: 64; and
- (16) the sequence of aa 24-39 (CDR1), the sequence of aa 55-61 (CDR2), and the sequence of aa 94-102 (CDR3) of SEQ ID NO: 67.
  - 14. (Original) A humanized antibody binding to CD47 comprising:
- (1) a heavy chain variable region containing the sequence of an 1-117 of SEQ ID NO: 30: and
- (2) a light chain variable region containing the sequence of aa 1-112 of SEQ ID NO: 57.

- 15. (Original) A humanized antibody binding to CD47 comprising:
- (1) a heavy chain variable region containing the sequence of aa 1-117 of SEQ ID NO: 64: and
- (2) a light chain variable region containing the sequence of aa 1-112 of SEQ ID NO: 67.
  - 16. (Original) An antibody binding to CD47 comprising any one of:
  - (1) the sequence of aa 1-234 of SEQ ID NO: 73;
  - (2) the sequence of aa 1-234 of SEQ ID NO: 74;
  - (3) the sequence of aa 1-483 of SEQ ID NO: 78; and
  - (4) the sequence of aa 1-483 of SEQ ID NO: 79.
- 17. (Currently amended) A gene encoding the antibody of any one of claims 1 to 16 claim 1.
  - 18. (Original) A vector containing the gene of claim 17.
  - 19. (Original) A host cell containing the vector of claim 18.
- 20. (Original) A process for preparing an antibody, comprising the step of culturing the host cell of claim 19.
- 21. (Currently amended) A therapeutic agent for hematological disorder, comprising the antibody of any one of claims 1 to 16 claim 1.
- 22. (Original) The therapeutic agent of claim 21 wherein the hematological disorder is selected from leukemias such as acute myelocytic leukemia, chronic myelocytic leukemia, acute lymphocytic leukemia, chronic lymphocytic leukemia, adult T-cell leukemia, multiple myeloma, mixed leukemia, and hairy cell leukemia; malignant lymphoma (Hodgkin's disease, non-Hodgkin's lymphoma), aplastic anemia, myelodysplastic syndromes, and polycythemia vera.